

AUTOMATICALLY CONFIGURABLE MINUTE VENTILATION SENSOR

Abstract

A minute ventilation sensing device in which transthoracic impedance is
5 measured with voltage sense electrodes during injection of current by excitation
current electrodes. The device is capable of operating with different configurations of
voltage sense and excitation current electrodes. By computing a signal and/or noise
level for a number of available configurations, the electrodes resulting in the highest
signal-to-noise ratio may be selected for use by the device.

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